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44,774.1935483×
+10.%
4,477.41935483*

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49,251.6129031*



6(2											
	PRETR	EATMENT MON	ITORING REPO	<u>ORT</u>							
NAME: SAND	VIK COROMANT MANUFACTUR	ING									
-	S: 1702 NEVINS ROAD FAIR LAV				FEB	1 7 2009					
WAILING ADDICES	5. 1702 NEVINS ROAD PAIR LAV	VIN, INJ 07410									
FACILITY LOCATION	ACILITY LOCATION: 1702 NEVINS ROAD FAIR LAWN, NJ 07410										
CATEGORY & SUB	PART: UNKNOWN		OU'	TLET #:	1	and the second s					
CONTACT OFFICIA	L: _ALBERT MIPS		TEI	LEPHONE:	201-794-5106						
				-							
NEW CUSTOMER II	D / OUTLET ID:08630002-1	OLD OUTL	ET DESIGNATION	ON:							
MONITO Start	RING PERIOD End		Average		Maximum						
01 01 09	01 31 09 R	egulated Flow-gal/ Total Flow-ga	day <u>44,774 X 1</u> il/day <u>44</u>			351					
MO DAY YR	MO DAY YR										
Method Used:											
Production Rate (if ap	pplicable)										
PARAMETER		MARRO	D CONCENTRA	TION	T# 0F	CAMPLE TYPE					
PARAMETER		MON AVG	R CONCENTRA MAXIMUM	UNITS	# OF SAMPLES	SAMPLE TYPE COMP/GRAB					
BIOCHEMICAL OX	Sample Measurement	MONTHY	<2.0	Mg/l	1	Comp					
	Permit Requirement	0		Mg/l		1					
CADMIUM	Sample Measurement		< 0.003	Mg/l	1	Comp					
	Permit Requirement	.019		Mg/l							
COPPER	Sample Measurement	7,000	< 0.01	Mg/l	1	Comp					
	Permit Requirement	3.02		Mg/l		-					
LEAD	Sample Measurement		< 0.003	Mg/l	1	Comp					
	Permit Requirement	0.54		Mg/l							
MERCURY	Sample Measurement		< 0.0002	Mg/l	1	Comp					
	Permit Requirement	0.080		Mg/l		,					
NICKEL	Sample Measurement		< 0.01	Mg/l	1	Comp					
	Permit Requirement	5.9	0.01	Mg/l		- comp					
ZINC	Sample Measurement	3.5	< 0.02	Mg/l	1	Comp					
	Permit Requirement	1.67	0.02	Mg/l	-						
NON-POLAR MATE	Sample Measurement	1.07	<5.2	Mg/l	1	Grab					
	Permit Requirement		100	Mg/l							
TOTAL TOXIC OR	Sample Measurement		0.164	Mg/l	1	Grab					
	Permit Requirement	2.13		Mg/l							
	Sample Measurement	/0	2526270								
	Permit Requirement	2 /200	/\ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \								
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	Permit Requirement	/went		53/							
	Sample Measurement 2009	- W				MY.					

2nd Input

dustrial Dept

PVSC FORM MR-I REV: 4 6/87 P I

Permit Requirement Sample Measurement

Permit Requirement

Sample Measurement

Permit Requirement Sample Measurement Permit Requirement

PRETREATMENT	<u>MONITORING</u>	<u>REPORT</u>

FEB 1 7 2009

		,
Certification of Non-Use if applicable (us	e additional sheets):	
Compliance or non compliance statement	with compliance schedule (use additional sheets if necess	sary) for every
parameter used: SA	ANDVIK IS IN COMPLIANCE	
Explain Method for preserving samples:	SAMPLES ARE PRESERVED IN NITRIC ACID AT	pH NO LESS THAN 2.0
a system designed to assure that qual person or persons who manage the sys to the best of my knowledge and beli	this document and attachments were prepared under ified personnel properly gather and evaluate the information, or those persons directly responsible for gatherines, true, accurate and complete. I am aware that the of fine and imprisonment for knowing violations.	ormation submitted. Based on my inquiry of the ng the information, the information submitted is,
403.6(a)(2)(ii) revised by 53 FR 400	610, October 17, 1988	
	Alex La.	
	Signature of Principal	_
	Executive or Authorized Agent	
	ALBERT MIPS	_
	FACILITIES MANAGER	_
	Type Name and Title	
	02/11/09	<u>.</u>

Date

PVSC FORM MR-I REV: 5 3/91 P2

e-Hardcopy 2.0
Automated Report



01/26/09



Technical Report for

Sandvik Inc.

Monthly PVSC Permit, Fairlawn, NJ

Accutest Job Number: JA9200

Sampling Date: 01/06/09

Report to:

Sandvik Coromant Manufacturing

albert.mips@sandvik.com

ATTN: Albert Mips

Total number of pages in report: 13





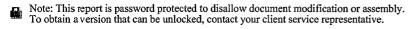
Test results contained within this data package meet the requirements of the National Environmental Laboratory Accreditation Conference and/or state specific certification programs as applicable.

Client Service contact: Nadine Yakes 732-329-0200

Certifications: NJ(12129), NY(10983), CA, CT, DE, FL, IL, IN, KS, KY, LA, MA, MD, MI, MT, NC, PA, RI, SC, TN, VA, WV

This report shall not be reproduced, except in its entirety, without the written approval of Accutest Laboratories. Test results relate only to samples analyzed.

New Jersey • 2235 Route 130 • Dayton, NJ 08810 • tel: 732-329-0200 • fax: 732-329-3499 • http://www.accutest.com





VP Ops, Laboratory Director

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-1-	
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Section 2: Case Narrative/Conformance Summary	
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3.1: JA9200-1: BASEMENT SUMP 24 HR COMPOSITE	. 7
3.2: JA9200-2: BASEMENT SUMP GRAB	9
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Accutest LabLink@12:07 26-Jan-2009

Sample Summary

Sandvik Inc.

Monthly PVSC Permit, Fairlawn, NJ

Job No: JA9200

10200

Sample	Collected		Mat	rix	Client	
Number	Date	Time By	Received Cod	е Туре	Sample ID	
JA9200-1	01/06/09	13:05 RS	01/06/09 AQ	Water	BASEMENT SUMP 24 HR COMPOSITE	
JA9200-2	01/06/09	13:10 RS	01/06/09 AQ	Water	BASEMENT SUMP GRAB	





CASE NARRATIVE / CONFORMANCE SUMMARY

Client:

Sandvik Inc.

Job No

JA9200

Site:

Monthly PVSC Permit, Fairlawn, NJ

Report Date

1/26/2009 12:05:45 PM

On 01/06/2009, 2 Sample(s), 0 Trip Blank(s) and 0 Field Blank(s) were received at Accutest Laboratories at a temperature of 3.2 C. Samples were intact and properly preserved, unless noted below. An Accutest Job Number of JA9200 was assigned to the project. Laboratory sample ID, client sample ID and dates of sample collection are detailed in the report's Results Summary Section.

Specified quality control criteria were achieved for this job except as noted below. For more information, please refer to the analytical results and QC summary pages.

Volatiles by GCMS By Method EPA 624

Matrix: AQ

Batch ID: VT4971

- All samples were analyzed within the recommended method holding time.
- Sample(s) JA9052-56MS, JA9052-56MSD, JA9052-56MSMSD were used as the QC samples indicated.
- All method blanks for this batch meet method specific criteria.
- Matrix Spike Recovery(s) for 2-Chloroethyl vinyl ether are outside control limits. Outside control limits due to acid preservation.
- Matrix Spike Duplicate Recovery(s) for 2-Chloroethyl vinyl ether are outside control limits. Outside control limits due to acid preservation.

Metals By Method EPA 200.7

Matrix: AQ

Batch ID: MP46838

- All samples were digested within the recommended method holding time.
- All samples were analyzed within the recommended method holding time.
- All method blanks for this batch meet method specific criteria.
- Sample(s) JA9446-11MS, JA9446-11MSD, JA9446-11SDL were used as the QC samples for metals.
- RPD(s) for Serial Dilution for Lead, Cadmium, Nickel, Zinc are outside control limits for sample MP46838-SD1. Percent
 difference acceptable due to low initial sample concentration (< 50 times IDL).

Metals By Method EPA 245.1

Matrix: AQ

Batch ID: MP46928

- All samples were digested within the recommended method holding time.
- All samples were analyzed within the recommended method holding time.
- All method blanks for this batch meet method specific criteria.
- Sample(s) JA9844-1MS, JA9844-1MSD were used as the QC samples for metals.

Wet Chemistry By Method EPA 1664A

Matrix: AQ

Batch ID: GP47644

- All samples were prepared within the recommended method holding time.
- All samples were analyzed within the recommended method holding time.
- All method blanks for this batch meet method specific criteria.
- Sample(s) JA9307-1MS, JA9308-1DUP were used as the QC samples for HEM Petroleum Hydrocarbons.

Monday, January 26, 2009

Page 1 of 2



Wet Chemistry By Method SM20 2540D

Matrix: AQ

Batch ID: GN22588

- All samples were analyzed within the recommended method holding time.
- All method blanks for this batch meet method specific criteria.
- Sample(s) JA9293-1DUP were used as the QC samples for Solids, Total Suspended.

Wet Chemistry By Method SM20 5210B

Matrix: AQ

Batch ID: GP47433

- All samples were prepared within the recommended method holding time.
- All samples were analyzed within the recommended method holding time.
- All method blanks for this batch meet method specific criteria.
- Sample(s) JA9200-1DUP were used as the QC samples for BOD, 5 Day.

Field Data By Method SM20 4500H B

Matrix: AQ

Batch ID: R78194

The data for SM20 4500H B meets quality control requirements.

Accutest certifies that data reported for samples received, listed on the associated custody chain or analytical task order, were produced to specifications meeting Accutest's Quality System precision, accuracy and completeness objectives except as noted.

Estimated non-standard method measurement uncertainty data is available on request, based on quality control bias and implicit for standard methods. Acceptable uncertainty requires tested parameter quality control data to meet method criteria.

Accutest Laboratories is not responsible for data quality assumptions if partial reports are used and recommends that this report be used in its entirety. Data release is authorized by Accutest Laboratories indicated via signature on the report cover

Monday, January 26, 2009

Page 2 of 2





Section 3

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Sample Results	
Report of Analysis	



Accutest LabLink@12:07 26-Jan-2009

Report of Analysis

Page 1 of 1

Client Sample ID: BASEMENT SUMP 24 HR COMPOSITE

Lab Sample ID: Matrix:

JA9200-1 AQ - Water Date Sampled: 01/06/09

Date Received: 01/06/09

Percent Solids: n/a

Project:

Monthly PVSC Permit, Fairlawn, NJ

Metals Analysis

Analyte	Result	RL	Units	DF	Prep	Analyzed By	Method	Prep Method
Cadmium	< 3.0	3.0	ug/l	1	01/12/09	01/13/09 GT	EPA 200.7 ¹	EPA 200.7 ⁴
Copper	< 10	10	ug/l	1	01/12/09	01/13/09 GT	EPA 200.7 ¹	EPA 200.7 ⁴
Lead	< 3.0	3.0	ug/l	1	01/12/09	01/13/09 GT	EPA 200.7 ²	EPA 200.7 ⁴
Mercury	< 0.20	0.20	ug/l	1	01/21/09	01/21/09 JW	EPA 245.1 ³	EPA 245.1 ⁵
Nickel	< 10	10	ug/l	1	01/12/09	01/13/09 GT	EPA 200.7 ¹	EPA 200.7 ⁴
Zinc	< 20	20	ug/l	1	01/12/09	01/13/09 GT	EPA 200.7 ¹	EPA 200.7 ⁴

(1) Instrument QC Batch: MA22006 (2) Instrument QC Batch: MA22015 (3) Instrument QC Batch: MA22056

(4) Prep QC Batch: MP46838

(5) Prep QC Batch: MP46928

RL = Reporting Limit



Report of Analysis

Page 1 of 2

Client Sample ID: BASEMENT SUMP GRAB

Lab Sample ID: Matrix:

JA9200-2 AQ - Water

Date Sampled: 01/06/09 Date Received: 01/06/09

Method:

EPA 624

Percent Solids: n/a

Analytical Batch

Project:

File ID T128566.D DF Analyzed 01/07/09

Monthly PVSC Permit, Fairlawn, NJ

By YCB Prep Date n/a

Prep Batch n/a

VT4971

Run #1 Run #2

Purge Volume

5.0 ml Run #1

Run #2

VOA TVO List

CAS No.	Compound	Result	RL	MDL	Units	Q
107-02-8	Acrolein	ND	50	2.0	ug/l	
107-13-1	Acrylonitrile	ND	10	0.85	ug/l	
542-88-1	Bis(chloromethyl)ether	IND			ug/l	
71-43-2	Benzene	ND	1.0	0.12	ug/l	
75-27-4	Bromodichloromethane	ND	1.0	0.13	ug/l	
75-25-2	Bromoform	ND .	1.0	0.19	ug/l	
74-83-9	Bromomethane	ND	1.0	0.18	ug/l	
56-23-5	Carbon tetrachloride	2.6	1.0	0.099	ug/l	
108-90-7	Chlorobenzene	ND	1.0	0.13	ug/l	
75-00-3	Chloroethane	0.51	1.0	0.20	ug/l	J
110-75-8	2-Chloroethyl vinyl ether	ND	5.0	0.96	ug/l	
67-66-3	Chloroform	5.9	1.0	0.094	ug/l	
74-87-3	Chloromethane	ND	1.0	0.17	ug/l	
124-48-1	Dibromochloromethane	ND	1.0	0.11	ug/l	
106-93-4	1,2-Dibromoethane	ND	1.0	0.17	ug/l	
95-50-1	1,2-Dichlorobenzene	ND	1.0	0.14	ug/l	
541-73-1	1,3-Dichlorobenzene	ND	1.0	0.18	ug/1	
106-46-7	1,4-Dichlorobenzene	ND	1.0	0.21	ug/l	
75-71-8	Dichlorodifluoromethane	ND	2.0	0.91	ug/l	
75-34-3	1,1-Dichloroethane	4.5	1.0	0.10	ug/l	
107-06-2	1,2-Dichloroethane	ND	1.0	0.31	ug/l	
75-35-4	1,1-Dichloroethene	3.1	1.0	0.17	ug/1	
156-59-2	cis-1,2-Dichloroethene	9.4	1.0	0.15	ug/l	
156-60-5	trans-1,2-Dichloroethene	ND	1.0	0.18	ug/l	
78-87-5	1,2-Dichloropropane	ND	1.0	0.33	ug/1	
10061-01-5	cis-1,3-Dichloropropene	ND	1.0	0.16	ug/l	
10061-02-6	trans-1,3-Dichloropropene	ND	1.0	0.21	ug/l	
123-91-1	1,4-Dioxane	ND	130	55	ug/l	
100-41-4	Ethylbenzene	ND	1.0	0.23	ug/l	
151-56-4	Ethylenimine	IND			ug/l	
75-09-2	Methylene chloride	ND	1.0	0.12	ug/l	
79-34-5	1,1,2,2-Tetrachloroethane	ND	1.0	0.10	ug/I	

ND = Not detected

MDL - Method Detection Limit

J = Indicates an estimated value

RL = Reporting Limit

E = Indicates value exceeds calibration range

B = Indicates analyte found in associated method blank

N = Indicates presumptive evidence of a compound



Accutest LabLink@12:07 26-Jan-2009

Report of Analysis

Page 2 of 2

BASEMENT SUMP GRAB Client Sample ID:

Lab Sample ID: Matrix:

JA9200-2 AQ - Water Date Sampled: 01/06/09 Date Received: 01/06/09

EPA 624

Method: Project:

Monthly PVSC Permit, Fairlawn, NJ

Percent Solids: n/a

VOA TVO List

CAS No.	Compound	Result	RL	MDL	Units	Q
127-18-4	Tetrachloroethene	125	1.0	0.58	ug/l	
108-88-3	Toluene	ND	1.0	0.20	ug/l	
71-55-6	1,1,1-Trichloroethane	2.7	1.0	0.11	ug/l	
79-00-5	1,1,2-Trichloroethane	ND	1.0	0.15	ug/l	
79-01-6	Trichloroethene	10.2	1.0	0.45	ug/l	
75-69-4	Trichlorofluoromethane	ND	2.0	0.44	ug/l	
75-01-4	Vinyl chloride	ND	2.0	0.16	ug/l	
1330-20-7	Xylenes (total)	ND	1.0	0.15	ug/I	
CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Lim	its	
17060-07-0	1,2-Dichloroethane-D4 (SUR)	99%		62-1	39%	
2037-26-5	Toluene-D8 (SUR)	97%		85-1	20%	
460-00-4	4-Bromofluorobenzene (SUR)	86%		74-1	18%	

ND = Not detected

MDL - Method Detection Limit

RL = Reporting Limit E = Indicates value exceeds calibration range J = Indicates an estimated value

B = Indicates analyte found in associated method blank

N = Indicates presumptive evidence of a compound



Accutest LabLink@12:07 26-Jan-2009

Report of Analysis

Page 1 of 1

Client Sample ID: BASEMENT SUMP GRAB

Monthly PVSC Permit, Fairlawn, NJ

Lab Sample ID: Matrix:

JA9200-2

AQ - Water

Date Sampled: 01/06/09 Date Received: 01/06/09

Percent Solids: n/a

Project:

Analyte

General Chemistry

Result

RL

Units

DF

Analyzed

Ву Method

HEM Petroleum Hydrocarbons < 5.2

mg/l

01/24/09

RA EPA 1664A

Field Parameters

pH (Field)

6.38

su

1

1

01/06/09 13:20 RMS SM20 4500H B

RL = Reporting Limit





Section 4

Misc. Forms		<u>.</u>	* * *
Custody Documents and	d Other	Forms	

Includes the following where applicable:

• Chain of Custody





February 11, 2009

Mr. Andy Caltagirone Passaic Valley Sewage Commissioners 600 Wilson Ave. Newark, NJ 07105

Re: Monitoring report for January 2009.

Permit Number: 08630002

Dear Mr. Andy Caltagirone,

Please find enclosed our sewage discharge monthly monitoring reports for the period of 1/1/09 to 1/31/09, During this period there was no discharge to PVSC.

For any additional information regarding this or any other matter, I can be reached at 201-794-5106 or by E-mail at *Albert.Mips@Sandvik.com*

Sincerely, Albert W. Mips

Facilities Engineering Manager

Alm W. Ki

Tel.: 201-794-5000

Fax: 201-794-5125

SANDVIK COMPANY 1702 Nevins Road P.O. Box 428 Fair Lawn, NJ 07410-0428

GROUND WATER SEWAGE RECORDS 2009

			ATER SEVVAGE R				
PERIOD	DATE		READINGS	MET	ER A = PVSC	SEW	ER (GALLONS)
		METER-A(05000626)					
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JAN.	1/31	46,652,000					
	<u> </u>	A= 1,388,000	B= 1,239,000	Α	1,388,000	В	1,239,000
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Client Information				y Infon	mation	100	2010				1	Anal	∕tical Info	7		200
Sandvick Mnf.	·	Station	Sandvi	CK						BOD	Cd, Cu, Pb, Hg,			7VO	PHC 1664	pHf
1702 Nevins Road		Locatin	Monthly	y PVS	C Pern	nit			_	133	Ni, Zn,		İ	"	7004	
ddress Fairlawn, N.J.	O7410	Project#	Fairlaw	n. N.J	I.				1					ļ	İ	1
ty State Mr. Albert Mips	Zip															
end Report to: hone #: (201) 794-5106		FAX#:														
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Field ID / Point of Collection	Date	Time	Sampled By	Matrix	# of bottles	귳	NA253 Hno3	H2So4	None							
Basement Sump -	1-6.09	1305	R5	ww	3	Ш	_x		x	Х	X					
24 hr Composite																
time: /300 to /300						П	Т						1			
date: 1-5-09- 1-6-09						П		П								
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Grab																
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Turnaround Information			Data Deli	verable	Informa	tion			7. .			Comme	nts / Remar	ks		
X 21 Day Standard	Approved	Ву:	X NJ Redu	iced			Com	merc	ial "A"		838, H	tc14,1	NC36,	AMET20	>	
14 Days RUSH			NJ Full				Com	merc	ial "B"			-	ware colle	: 1.		
7 Days EMERGENCY			FULL CI	LP .			State	For	ms			with	Ostoblisho:	3 00		
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1 R Sadaranean	1-6-09	1535	1 7	1m				2	•					2		
Relinquished by Sampler:	Date Time:		Received By:					Reli A	nquished By	:		Date Time:		Received By		
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5	1		5					1	20	7	tack		•			. 2 °C_

JA9200: Chain of Custody Page 1 of 1



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N 62 /11/2009

10:08

MANUFACTURING → 919733444876

NO.238

D04

NAME: SANDVIK COROMANT MANUFACTURING		PRE	TREATMENT MO	nitoring repo	<u>ORT</u>		
MAILING ADDRESS: 1702 NEVINS ROAD FAIR LAWN, NI 07410	NAME: SANDVI	K COROMANT MANUFACT	URING			FFD 1	1 2009
CONTACT OFFICIAL: ALBERT MIPS TELEPHONE:	MAILING ADDRESS:	1702 NEVINS ROAD FAIR L	AWN, NJ 07410		<u>}</u>	LED I	2000
CONTACT OFFICIAL: ALBERT MIPS	FACILITY LOCATION	N: 1702 NEVINS ROAD FAIR	LAWN, NJ 07410	NAME OF THE OWNER OF THE OWNER OF THE OWNER OF THE OWNER OF THE OWNER OF THE OWNER OF THE OWNER OF THE OWNER OWNER OF THE OWNER OWNE			
DONTACT OFFICIAL: ALBERT MIPS	CATEGORY & SUBP	ART: UNKNOWN		ou	TLET #:	1	
NEW CUSTOMER ID / OUTLET ID: 08630002-1 OLD OUTLET DESIGNATION:				าย	EDUOVE.	201-794-5106	
MONITORING PERIOD Start End O1	CONTACT OFFICIAL	: ALBERT MIPS		121		201-774-0100	
Sample Measurement Sample Measurement Sample Measurement Permit Requirement Permit Requirement Permit Requirement D. Bass Mag/1 Comp D. Bass Mag/1 Comp D. Bass Mag/1 Comp D. Bass D. Bass Mag/1 Comp D. Bass	NEW CUSTOMER ID	/ OUTLET ID: 08630002-1	OLD OUT	TLET DESIGNATI	ON:		
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PRETREATMENT MONITORING REPORT

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Explain Method for preserving samples: SAMPLES	ARE PRESERVED IN NITRIC ACI	ID AT pH NO LESS THAN 2.0	American Committee Committ					
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SANDVIK COMPANY 1702 Nevins Road P.O. Box 428 Fair Lawn, NJ 07410-0428

GROUND WATER SEWAGE RECORDS 2009

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Automated Report



01/26/09

Technical Report for

Sandvik Inc.

Monthly PVSC Permit, Fairlawn, NJ

Accutest Job Number: JA9200

Sampling Date: 01/06/09



Sandvik Coromant Manufacturing

albert.mips@sandvik.com

ATTN: Albert Mips

Total number of pages in report: 13



Test results contained within this data package meet the requirements of the National Environmental Laboratory Accreditation Conference and/or state specific certification grograms as applicable.

VP Ops, Laboratory Director

Client Service contact: Nadine Yakes 732-329-0200

Certifications: NJ(12129), NY(10983), CA, CT, DE, FL, IL, IN, KS, KY, LA, MA, MD, MI, MT, NC, PA, RI, SC, TN, VA, WV

This report shall not be reproduced, except in its entirety, without the written approval of Accutest Laboratories. Test results relate only to samples analyzed.

6-2006

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Section 2: Case Narrative/Conformance Summary	4
Section 3: Sample Results	6
3.1; JA9200-1: BASEMENT SUMP 24 HR COMPOSITE	7
3.2: JA9200-2: BASEMENT SUMP GRAB	9
Section 4: Misc. Forms	12
4.1. Chain of Custody	13

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Accutest LabLink@12:07 26-Jan-2009

Sample Summary

Sandvik Inc.

Monthly PVSC Permit, Fairlawn, NJ

Job No:

JA9200

Sample Number	Collected Date Time By	Matrix Received Code Type	Client Sample ID
JA9200-1	01/06/09 13:05 RS	01/06/09 AQ Water	BASEMENT SUMP 24 HR COMPOSITE
JA9200-2	01/06/09 13:10 RS	01/06/09 AQ Water	BASEMENT SUMP GRAB

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CASE NARRATIVE / CONFORMANCE SUMMARY

Client: Sandvik Inc.

Job Na

JA9200

Site:

Monthly PVSC Permit, Fairlawn, NJ

Report Date

1/26/2009 12:05:45 PM

On 01/06/2009, 2 Sample(s), 0 Trip Blank(s) and 0 Field Blank(s) were received at Accutest Laboratories at a temperature of 3.2 C. Samples were intact and properly preserved, unless noted below. An Accutest Job Number of JA9200 was assigned to the project. Laboratory sample 1D, client sample ID and dates of sample collection are detailed in the report's Results Summary Section.

Specified quality control criteria were achieved for this job except as noted below. For more information, please refer to the analytical results and QC summary pages.

Volatiles by GCMS By Method EPA 624

Matrix: AQ

atch ID: VT497

- All samples were analyzed within the recommended method holding time.
- Sample(s) JA9052-56MS, JA9052-56MSD, JA9052-56MSMSD were used as the QC samples indicated.
- All method blanks for this batch meet method specific criteria.
- Marix Spike Recovery(s) for 2-Chloroethyl vinyl ether are outside control limits. Outside control limits due to acid preservation.
- Matrix Spike Duplicate Recovery(s) for 2-Chloroethyl vinyl ether are outside control limits. Outside control limits due to acid preservation.

Metals By Method EPA 200.7

Matrix: AQ

Batch ID: MP46838

- All samples were digested within the recommended method holding time.
- All samples were analyzed within the recommended method holding time.
- All method blanks for this batch most method specific criteria.
- Sample(s) JA9446-11MS, JA9446-11MSD, JA9446-11SDL were used as the QC samples for metals.
- RPD(s) for Serial Dilution for Lead, Cadmium, Nickel, Zinc are outside control limits for sample MP46838-SD1. Percent difference acceptable due to low initial sample concentration (< 50 times IDL).

Metals By Method EPA 245.1

Matrix: AQ

Batch ID: MP46928

- All samples were digested within the recommended method holding time.
- All samples were analyzed within the recommended method holding time.
- All method blanks for this batch meet method specific criteria.
- Sample(s) JA9844-IMS, JA9844-IMSD were used as the QC samples for metals.

Wet Chemistry By Method EPA 1664A

Matrix: AO

Batch ID: GP47644

- All samples were prepared within the recommended method holding time.
- All samples were analyzed within the recommended method holding time.
- All method blanks for this batch meet method specific criteria.
- Sample(s) JA9307-1MS, JA9308-1DUP were used as the QC samples for HEM Petroleum Hydrocarbons.

Monday, January 26, 2009

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Wet Chemistry By Method SM20 2540D

Matrix: AQ

Beich ID: GN22588

- All samples were analyzed within the recommended method holding time.
- All method blanks for this batch meet method specific criteria.
- Sample(s) JA9293-1DUP were used as the QC samples for Solids, Total Suspended.

Wet Chemistry By Method SM20 5210B

Matrix: AQ

Batch ID: GP47433

- All samples were prepared within the recommended method holding time.
- All samples were analyzed within the recommended method holding time.
- All method blanks for this batch meet method specific criteria.
- Sample(s) JA9200-1DUP were used as the QC samples for BOD, 5 Day.

Field Data By Method SM20 4500H B

Matrix: AQ

Batch ID: R78194

The data for SM20 4500H B meets quality control requirements.

Accutest certifies that data reported for samples received, listed on the associated custody chain or analytical task order, were produced to specifications meeting Accutest's Quality System precision, accuracy and completeness objectives except as noted.

Estimated non-standard method measurement uncertainty data is available on request, based on quality control bias and implicit for standard methods. Acceptable uncertainty requires tested parameter quality control data to meet method criteria.

Accusest Laboratories is not responsible for data quality assumptions if partial reports are used and recommends that this report be used in its entirety. Data release is authorized by Accutest Laboratorics indicated via signature on the report cover

Monday, January 26, 2009

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Section 3



Sample Results

Report of Analysis

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Accutest LabLink@12:07 26-Jan-2009

Report of Analysis

Page 1 of 1

Client Sample ID: BASEMENT SUMP 24 HR COMPOSITE

Lab Sample ID:

JA9200-1

Matrix:

AQ - Water

Date Sampled: 01/06/09

Date Received: 01/06/09

Percent Solids: n/a

Project:

Monthly PVSC Permit, Fairlawn, NJ

Metals Analysis

Analyte	Result	RL	Units	DF	Prep	Analyzed By	Method	Prep Method
Cadmium	< 3.0	3.0	ug/l	1	01/12/09	01/13/09 GT	EPA 200.7 ¹	EPA 200.7 4
Соррег	< 10	10	ug/l	1	01/12/09	01/13/09 GT	EPA 200.7 ¹	EPA 200.7 ⁴
Lead	< 3.0	3.0	ug/l	1	01/12/09	01/13/09 GT	EPA 200.7 ²	EPA 200.7 ⁴
Mercury	< 0.20	0.20	ug/l	1	01/21/09	01/21/09 JW	EPA 245.1 ³	EPA 245.1 ⁵
Nickel	< 10	10	ug/l	1	01/12/09	01/13/09 GT	EPA 200.7 []]	EPA 200.7 ⁴
Zinc	< 20	20	ug/l	1	01/12/09	01/13/09 GT	EPA 200.7 1	EPA 200.7 ⁴

(1) Instrument QC Batch: MA22006

(2) Instrument QC Batch: MA22015

(3) Instrument QC Batch: MA22056

(4) Prep QC Batch: MP46838

(5) Prep QC Batch: MP46928

Accutest LabLink@12:07 26-Jan-2009

Report of Analysis

Page I of 2

Client Sample ID: **BASEMENT SUMP GRAB**

Lab Sample ID: Matrix

JA9200-2 AQ - Water

DF

1

Date Sampled: 01/06/09 Date Received: 01/06/09

Method: Project:

EPA 624

Percent Solids: n/a

Monthly PVSC Permit, Fairlawn, NJ

File ID T128566.D Run #1

Analyzed Вy 01/07/09 YCB Prep Date n∕a

Prep Batch n/a

Analytical Batch

VT4971

Run #2

Purge Volume

Run #1 5.0 ml

Run #2

VOA TVO List

CAS No.	Compound	Result	RL	MDL	Units	Q
107-02-8	Acrolein	NĎ	50	2.0	ug/l	
107-13-1	Acrylonitrile	ND	10	0.85	ug/I	
542-88-1	Bis(chloromethyl)ether	IND			ug/J	
71-43-2	Benzene	ND	1.0	0.12	ug/l	
75-27-4	Bromodichloromethane	ND	1.0	0.13	ug/l	
75-25-2	Bromoform	ND	1.0	0.19	ug/I	
74-83-9	Bromomcthane	ND	1.0	0.18	ug/l	
56-23-5	Carbon tetrachloride	2.6	1.0	0.099	ug/l	
108-90-7	Chlorobenzene	ND	1.0	0.13	ug/l	
75-00-3	Chloroethane	0.51	1.0	0.20	ug/l	J
110-75-8	2-Chloroethyl vinyl ether	ND	5.0	0.96	ug/l	
67-66-3	Chloroform	5. 9	1.0	0.094	ug/l	
74-87-3	Chloromethane	ND	1.0	0.17	ug/l	
124-48-1	Dibromochloromethane	ND	1.0	0.11	ug/l	
106-93-4	1,2-Dibromoethane	ND	1.0	0.17	ug/l	
95-50-1	1,2-Dichlorobenzene	ND	1.0	0.14	ug/l	
541-73-1	1,3-Dichlorobenzene	ND	1.0	0.18	ug/l	
106-46-7	1,4-Dichlorobenzene	ND	1.0	0.21	ug/l	
75-71-8	Dichlorodifluoromethane	ND	2.0	0.91	ug/l	
75-34-3	1,1-Dichloroethane	4.5	1.0	0.10	ug/l	
107-06-2	1,2-Dichloroethane	ND	1.0	0.31	ug/l	
75-35-4	1,1-Dichloroethene	3.1	1.0	0.17	ug/I	
156-59-2	cis-1,2-Dichloroethene	9.4	1.0	0.15	ug/l	
156-60-5	trans-1,2-Dichloroethene	ND	1.0	0.18	ug/l	
78-87-5	1,2-Dichloropropane	ND	1.0	0.33	ug/l	
10061-01-5	cis-1,3-Dichloropropene	ND	1.0	0.16	ug/l	
10061-02-6	trans-1,3-Dichloropropene	ND	1.0	0.21	ug/l	
123-91-1	1,4-Dioxane	ND	130	55	ug/l	
100-41-4	Ethylbenzene	ND	1.0	0.23	ug/l	
151-56-4	Ethylenimine	IND			ug/l	
75-09-2	Methylene chloride	ND	1.0	0.12	ug/i	*
79-34-5	1,1,2,2-Tetrachloroethane	ND	1.0	0.10	ug/l	

ND = Not detected

MDL - Method Detection Limit

RL = Reporting Limit

E = Indicates value exceeds calibration range

J = Indicates an estimated value

B = Indicates analyte found in associated method blank

N = Indicates presumptive evidence of a compound

Accutest LabLink@12:07 26-Jan-2009

Report of Analysis

Page 2 of 2

Client Sample ID: BASEMENT SUMP GRAB

Lab Sample ID:

JA9200-2

Date Sampled: 01/06/09 Date Received: 01/06/09

Matrix:

AQ - Water **EPA 624**

Method: Project:

Monthly PVSC Permit, Fairlawn, NJ

Percent Solida: n/a

VOA TVO List

CAS No.	Compound	Result	RL	MDL	Units	Q
127-18-4	Tetrachloroethene	125	1.0	0.58	ug/l	
108-88-3	Toluene	ND	1.0	0.20	ug/I	
71-55-6	1,1,1-Trichloroethane	2.7	1.0	0.11	ug/l	
79-00-5	1,1,2-Trichloroethane	ND	1.0	0.15	ug/l	
79-01-6	Trichloroethene	10.2	1.0	0.45	ug/l	
75-69-4	Trichlorofluoromethane	ND	2.0	0.44	ug/I	
75-01-4	Vinyl chloride	ND	2.0	0.16	ug/l	
1330-20-7	Xylenes (total)	ND	1.0	0.15	ug/l	
CAS No.	Surrogate Recoveries	Run# 1	Run#2	Lim	its	
17060-07-0	1,2-Dichloroethane-D4 (SUR)	99%		62-1	39%	
2037-26-5	Toluene-D8 (SUR)	97%		85-1	20%	
460-00-4	4-Bromofluorobenzene (SUR)	86%		74-1	18%	

ND = Not detected

MDL - Method Detection Limit

RL = Reporting Limit

E = Indicates value exceeds calibration range

J = Indicates an estimated value

B = Indicates analyte found in associated method blank

N = Indicates presumptive evidence of a compound

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HEM Fetroleum Hydrocarbons < 5.2

Report of Analysis

Page 1 of 1

Client Sample ID: BASEMENT SUMP GRAB

Lab Sample ID: Matrix:

JA9200-2

AQ - Water

Date Sampled: 01/06/09 Date Received: 01/06/09

Percent Solids: n/a

01/24/09

Project:

Analyte

Monthly PVSC Permit, Fairlawn, NJ

General Chemistry

Result

RL

5.2

Units

mg/l

DF Analyzed

1

1

By

Method **EPA 1664A**

Field Parameters

pH (Field)

6.38

su

01/06/09 13:20 RMS SM20 4500H B

RA

RL = Reporting Limit

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Section 4



Misc. Forms

Custody Documents and Other Forms

Includes the following where applicable:

· Chain of Custody

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JA9200: Chain of Custody

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